



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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Michael O. Leavitt  
GovernorLowell P. Braxton  
Division Director**INSPECTION REPORT**Partial: ☒ Complete: ☐ Exploration: ☐Inspection Date & Time: July 1, 1998, 7:00 to 9:15 AMDate of Last Inspection: June 30, 1998Mine Name: Crandall Canyon County: Emery Permit Number: ACT/015/032Permittee and/or Operator's Name: Genwal Resources, Inc.Business Address: P. O. Box 1420, Huntington, Utah 84528Type of Mining Activity: Underground ☒ Surface ☐ Prep. Plant ☐ Other ☐State Officials(s): Paul Baker and Bob DavidsonCompany Official(s): Gary GrayFederal Official(s): NoneWeather Conditions: Clear, 70'sExisting Acreage: Permitted- 5049 Disturbed- 10.2 Regraded- 0.5 Seeded- 0.5 Bonded- 10.2Increased/Decreased: Permitted- 0 Disturbed- 0 Regraded- 0 Seeded- 0 Bonded- 0Status: Exploration/ ☒ Active/ ☐ Inactive/ ☐ Temporary Cessation/ ☐ Bond ForfeitureReclamation (Phase I/ ☐ Phase II/ ☐ Final Bond Release/ ☐ Liability Year)**REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS****Instructions**

- Substantiate the elements on this inspection by checking the appropriate performance standard.
  - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
  - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June)_(date)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## INSPECTION REPORT

(Continuation sheet)

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PERMIT NUMBER: ACT/015/032

DATE OF INSPECTION: July 1, 1998

(Comments are Numbered to Correspond with Topics Listed Above)

### 3. Topsoil

The plan says topsoil would be salvaged from an area at the base of the coal stockpile during construction of the new pad. Above this point, soil would not be salvaged, and the stockpile would be limited in extent to the area where topsoil was saved. The coal stockpile has been pushed above the place where the soil was salvaged thus potentially damaging the soil. On July 7, 1998, Mr. Davidson wrote violation N98-45-1-1 for failing to follow the approved plan and for failing to remove topsoil from an area to be disturbed.

To the west of this area is a cutslope about 40-50 feet high. This cutslope is not shown in the mining and reclamation plan, and the plan gives no information about what topsoil was available in this area. It appears from looking at the soil profile in the cut that there was probably at least one foot of soil. Genwal showed us some pictures indicating some soil was salvaged from the area, but we do not know how much. The permittee committed to having a soil specialist on site during soil salvage, but this was not done. Therefore, violation N98-45-3-1 was written by Mr. Davidson for failing to properly supervise the salvage operations and for unauthorized topsoil salvage.

### 4. Hydrologic Balance

#### a. Diversions

Just to the west of the inlet to the main culvert is a small creek that empties into Crandall Creek. The plan does not show any designs for modifying this creek; however, the lower portion has been riprapped. Steve Demczak, the regular inspector for the mine, conducted an inspection on July 8, 1998, and has written violation N98-39-3-1 for failing to conduct all mining and reclamation operations only as described in the approved plan. This violation also includes construction of the cutslope discussed above, but it does not include topsoil salvage.

### 9. Fish, Wildlife and Related Environmental Values

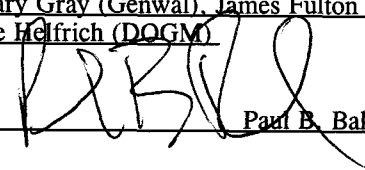
On June 24, 1998, I visited the site with Louis Berg of Wildlife Resources, Jill DuFour of the Forest Service, and Mark Page of Water Rights to look at some structures put in the stream to improve habitat for Colorado cutthroat trout. Before the stream was culverted through the mine site, all fish in this area were taken out of the stream and placed in Scad Valley Creek. Last September, crews from the Forest Service, with money provided by Genwal, put in about five rock structures and about three log structures to increase the number of pools in the creek above the mine. Previously, no one had ever seen fish above the mine.

In November, the fish in Scad Valley Creek were retrapped and taken back to Crandall Creek where they were released above the mine. During the June 24 meeting, we saw at least one fish, and in the July 1 inspection, we found two more. Therefore, it appears the new structures are providing some habitat. It is not known whether it will be possible for the population to maintain itself.

### Copy of this Report:

Mailed to: Gary Gray (Genwal), James Fulton (OSM), Steve Demczak (PFO)

Given to: Joe Helfrich (DOGM)

Inspector's Signature: 

Paul B. Baker #41

Date: July 13, 1998